



National Weather Service

Storm Data and Unusual Weather Phenomena



April 2003

| Location | Date | Time Local/ Standard | Path Length (Miles) | Path Width (Yards) | Number of Persons Killed | Number of Persons Injured | Estimated Damage Property | Estimated Damage Crops | Character of Storm |
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|
|----------|------|----------------------------|---------------------------|--------------------------|--------------------------------|---------------------------------|---------------------------------|------------------------------|--------------------|

WISCONSIN, Southeast

WIZ046>047-051>052 **Marquette - Green Lake - Fond Du Lac - Sheboygan**

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|------------------|
| 04 | 0000CST 2200CST | | | | 0 | 0 | | | Ice Storm |
|-----------|----------------------------|--|--|--|----------|----------|--|--|------------------|

Periods of freezing rain, initially with some convective showers, resulted in an Ice Storm with ice accumulations of 1/4 to 1/2 inch. sleet and thundersnow were also observed. Toward the end of this event, 1 inch snow accumulations were reported. During the event, northeast winds were gusting to 26 to 30 knots (30 to 35 mph). There were many reports of tree and power line damage, especially in Sheboygan County. Numerous vehicle accidents were noted in newspapers. Two separate rollover accidents resulted in two seriously injured drivers (indirectly-related) in the area northwest of the city of Fond du Lac. Many social events were cancelled, and some schools cancelled classes. Synoptically, low pressure moved east across central Illinois with a warm front ahead of it. Warm, moist, and somewhat unstable air was pulled north up and over a layer of cold air about 3 to 5,000 feet thick over Wisconsin.

WIZ056>060 **Sauk - Columbia - Dodge - Washington - Ozaukee**

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|---------------------|
| 04 | 1200CST 2200CST | | | | 0 | 0 | | | Winter Storm |
|-----------|----------------------------|--|--|--|----------|----------|--|--|---------------------|

A variety of precipitation types resulted in Winter Storm conditions from Sauk County east to Ozaukee County. Periods of freezing rain, freezing drizzle, sleet, snow, rain showers, and thundersnow were reported. Ice and sleet accumulations were less than 1/4 inch. Toward the end of this event, 1 inch snow accumulations were observed. During the event, northeast winds were gusting to 26 to 30 knots (30 to 35 mph). There were scattered reports of some minor tree and power line damage. Numerous vehicle accidents were noted in newspapers. Many social events were cancelled, and some schools cancelled classes. Synoptically, low pressure moved east across central Illinois with a warm front ahead of it. Warm, moist, and somewhat unstable air was pulled north up and over a layer of cold air about 3 to 5,000 feet thick over Wisconsin.

WIZ063>066-070>072 **Dane - Jefferson - Waukesha - Milwaukee - Walworth - Racine - Kenosha**

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|---------------------------|
| 04 | 1500CST 2200CST | | | | 0 | 0 | | | Winter Weather/Mix |
|-----------|----------------------------|--|--|--|----------|----------|--|--|---------------------------|

A mixture of freezing rain, sleet, and snow resulted in a slight galzing of ice and sleet. Ice accumulations were only about 1/8 inch. Toward the end of this event, 1 inch snow accumulations were reported. During the event, northeast winds were gusting to 26 to 30 knots (30 to 35 mph). There were some reports of minor tree and power line damage. Numerous vehicle accidents were noted in newspapers. One driver was critically injured in a vehicle accident near Oregon (Dane Co.). Many social events were cancelled, and some schools cancelled classes. Synoptically, low pressure moved east across central Illinois with a warm front ahead of it. Warm, moist, and somewhat unstable air was pulled north up and over a layer of cold air about 3 to 5,000 feet thick over Wisconsin.

WIZ062>072 **Iowa - Dane - Jefferson - Waukesha - Milwaukee - Lafayette - Green - Rock - Walworth - Racine - Kenosha**

| | | | | | | | | | |
|-----------|----------------------------|--|--|--|----------|----------|--|--|---------------------------|
| 07 | 0600CST 1600CST | | | | 0 | 0 | | | Winter Weather/Mix |
|-----------|----------------------------|--|--|--|----------|----------|--|--|---------------------------|

A sloppy mix of heavy, wet, snow and some freezing drizzle occurred over southern Wisconsin, resulting in snow accumulations of 2 to 5.5 inches. The freezing drizzle left some crusty layers. The wind were out of the east-northeast, gusting on occasions to 30 to 34 knots (35 to 39 mph). Snow accumulations were greater near the Illinois border: up to 5.5 inches fell in South Wayne (Lafayette Co.) and around 5.0 inches was noted around Bristol (Kenosha Co.). Several social events were cancelled, and some schools cancelled classes. Synoptically, low pressure moved east across central Illinois. Warm air advection between 850 and 700 mb was maximized along the Wisconsin-Illinois border. Dry air in the lower layer of the atmosphere feeding into the low pressure reduced snow amounts to 2 to 4 inches along and north of Interstate 94 between Madison (Dane Co.) and Milwaukee (Milwaukee Co.). Newspapers noted numerous vehicle accidents during the morning commute. Icy roads resulted in one person being killed (indirectly-related) and another critically injured in an accident near Waunakee (Dane Co.) at about 0800CST.



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|----------|------|----------------------------|---------------------------|--------------------------|----------------------|---------|---------------------|-------|--------------------|
| | | | | | Killed | Injured | Property | Crops | |

WISCONSIN, Southeast

Dane County

| | | | | | | | | | |
|--------|----|--------------------|--|--|---|---|--|--|------------|
| Verona | 30 | 2000CST 2359CST | | | 0 | 0 | | | Heavy Rain |
|--------|----|--------------------|--|--|---|---|--|--|------------|

Green County

| | | | | | | | | | |
|-------------|----|--------------------|--|--|---|---|--|--|------------|
| 4 NW Jordan | 30 | 2000CST 2359CST | | | 0 | 0 | | | Heavy Rain |
|-------------|----|--------------------|--|--|---|---|--|--|------------|

Iowa County

| | | | | | | | | | |
|------------|----|--------------------|--|--|---|---|--|--|------------|
| Dodgeville | 30 | 2000CST 2359CST | | | 0 | 0 | | | Heavy Rain |
|------------|----|--------------------|--|--|---|---|--|--|------------|

Lafayette County

| | | | | | | | | | |
|-------------|----|--------------------|--|--|---|---|--|--|------------|
| 4 S Belmont | 30 | 2000CST 2359CST | | | 0 | 0 | | | Heavy Rain |
|-------------|----|--------------------|--|--|---|---|--|--|------------|

Heavy rains resulting from several rounds of thunderstorms resulted in some minor urban and small stream flooding. About 4 miles south of Belmont (Lafayette Co.) water levels reached the floor boards of vehicles. Gusty winds up to 43 knots (50 mph) created waves on some of the water-covered roads around Verona (Dane Co.)! Rainfall totals ranged from 1.50 to 3.00 inches based on WSR-88D Doppler radar estimates. A spotter in Verona recorded 1.98 inches. By the next morning, a total of 3.50 inches was measured in Dodgeville (Iowa Co.). Argyle (Lafayette Co.) picked up 2.53 inches of rain.